

DATA ITEM DESCRIPTIONForm Approved
OAS No. 0704-0188

TITLE Failure Modes, Effects, and Criticality Analysis Report	1. IDENTIFICATION NUMBER DI-RELI-80687
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3. DESCRIPTION/PURPOSE

3.1 The report contains the results of the contractor's failure modes, effects and criticality analysis (FMECA). The report is used to measure fault detection and failure tolerance and to identify single point failure modes and their compensating features.

4. APPROVAL DATE (YYMMDD) 880930	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) AF-19	6a. DTIC REQUIRED	6b. GPOEP REQUIRED
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7. APPLICATION/INTERRELATIONSHIP

7.1 This DID contains the format and content preparation instructions for the Failure Modes, Effects and Criticality Analysis Report resulting from work Task 204 of MIL-STD-1543B.

7.2 This DID is related to DI-RELI-80685, Critical Items List

7.3 This DID supersedes DI-R-30507.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER F4545
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REPARATION INSTRUCTIONS

10.1 Reference documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

10.2 FMECA Data. The FMECA Report shall contain the data indicated in paragraph 204.2.12 of MIL-STD-1543B.

10.3 FMECA Audit. The FMECA Report shall include the extent and results, including any required corrective action, of the FMECA audit and review conducted in accordance with paragraph 204.2.13 of MIL-STD-1543B.

10.4 Format. Report format may be selected by the contractor subject to the approval of the procuring contracting officer.

10.5 FMECA Consolidation. The results of the various FMECAs in paragraph 204.2.8 of MIL-STD-1543B may be combined where visibility and details are not degraded and if compatible with schedules.

DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited